# HP StorageWorks

# Q200 FC host bus adapter for Windows and Linux release notes

These release notes contain driver and firmware updates and supplemental information for the single-channel Q200 FC PCI-X host bus adapter for 32-bit Linux and Microsoft Windows systems running on Modular Smart Arrays.

For the latest version of these release notes and other host bus adapter documentation, access the HP storage web site at http://h18006.www1.hp.com/storage/saninfrastructure.html.

Part number: AA–RVJ5A–TE
First edition: November 2004

**Legal and notice information**

© Copyright 2004 Hewlett-Packard Development Company, L.P.

Hewlett-Packard Company makes no warranty of any kind with regard to this material, including, but not limited to, the implied warranties of merchantability and fitness for a particular purpose. Hewlett-Packard shall not be liable for errors contained herein or for incidental or consequential damages in connection with the furnishing, performance, or use of this material.

This document contains proprietary information, which is protected by copyright. No part of this document may be photocopied, reproduced, or translated into another language without the prior written consent of Hewlett-Packard. The information is provided "as is" without warranty of any kind and is subject to change without notice. The only warranties for HP products and services are set forth in the express warranty statements accompanying such products and services. Nothing herein should be construed as constituting an additional warranty. HP shall not be liable for technical or editorial errors or omissions contained herein.

Linux is a U.S. registered trademark of Linus Torvalds.

Microsoft, Windows, and Windows NT are U.S. registered trademarks of Microsoft Corporation.

# Q200 FC host bus adapter for Windows and Linux release notes

# About this document

This section describes the content reflected in this document, including:


- Release notes information, page 3
- Intended audience, page 3


## Release notes information

These release notes contain the following major topics:


- Features and requirements, page 4
- Restrictions, page 5


## Intended audience

This document is intended for customers who purchased the Q200 FC PCI-X host bus adapter (Q200 FC HBA) running on:

- 32-bit Linux® operating systems
- 32-bit Windows® operating systems
- Modular Smart Arrays (MSAs)

Additional documentation, including white papers and best practices documents, are available via the HP web site at http://www.hp.com.

# Features and requirements

Table 1 lists the Q200 FC HBA's features and requirements. For the latest HBA and switch firmware, access the HP web site at http://welcome.hp.com/country/us/en/support.html.

**Table 1** Features and requirements

| Supported feature | Requirements |
|---|---|
| operating systems | Red Hat Enterprise Linux 3.0 Update 1, Update 2<br>Red Hat Advanced Server 2.1<br>SUSE LINUX Enterprise Server 8/United Linux 1.0, SP3<br>Windows Server 2003 32-bit<br>Windows 2000 SP4 |
| Storage arrays | Modular Smart Array 1000, 4.32 firmware |
| Servers | HP server platforms that meet the voltage and minimum PCI slot requirements listed in Table 2 on page 5.<br>Some Proliant servers do not support Fibre Channel. For detailed server information, go to http://h18004.www1.hp.com/products/servers/platforms/storage.html. |
| Fibre Channel switches | For a list of supported switches, see the *HP StorageWorks SAN design reference guide* at http://h18006.www1.hp.com/products/storageworks/san/documentation.html. |
| Boot BIOS (x86) | 1.08 |
| Linux driver | 7.01.01 |
| Windows drivers | SCSIport miniport: 9.0.0.13 |

# Voltage and PCI slot requirements

Refer to your server PCI slot specifications to determine if your server and the HBA are compatible. Table 2 lists the voltage and PCI slot requirements.

**Table 2** Voltage and PCI slot requirements

| HBA part number | HBA PCI signaling voltage | PCI slot type |
|---|---|---|
| A7523A | 3.3 volt, 5 volt | 32- or 64-bit 33/66 MHz PCI or 66/100/133 MHz PCI-X Universal connector |

# Restrictions

This HBA is not supported on HP Integrity servers.